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PATENT
910000-2042.1IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : ELMALEH, et al.
U.S. Serial No. : 10/827,054
Filing Date : April 19, 2004
For : *Method of Monitoring Blood Flow and Metabolic Uptake in Tissue with Radiolabeled Alkanoic Acid*

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The Examiner's attention is respectfully drawn to the enclosed documents listed on the accompanying PTO-1449.

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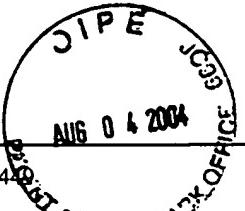
Applicants respectfully request that the Examiner considers and makes of record the documents cited herewith and that a copy of Form PTO-1449 be initialed by the Examiner and returned to the undersigned.

Respectfully submitted,
FROMMER LAWRENCE & HAUG LLP
Attorneys for Applicants


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Encls. PTO Form 1449
References (150)

<p>Based on Form PTO-1410 (3/90)</p> <p>LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)</p>		ATTY. DOCKET NO.		SERIAL NO.			
		910000-2042.1		10/827,054			
		APPLICANT		David R. Elmaleh			
FILING DATE		GROUP					
April 19, 2004							
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,524,059	06/18/85	Elmaleh et al.			
	AB	4,323,547	04/06/82	Knust et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	AC						YES NO
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AD	Abendschein D.R. et al "Metabolism of beta-methyl[1-11C]heptadecanoic acid in canine myocardium" Int. J. Rad. Appl. Instrum. B (1987) 14(6): 579-85					
	AE	Ambrose, K.R. et al "Evaluation of the metabolism in rat hearts of two new radioiodinated 3-methyl-branched fatty acid myocardial imaging agents" Eur. J. Nucl. Med. (1987) 12(10): 486-91.					
	AF	Ambrose, K.R. et al. "Effect of 3-methyl-branching on the metabolism in rat hearts of radioiodinated iodovinyl long chain fatty acids" Eur. J. Nucl. Med. (1987) 13(7): 374-9.					
	AG	Antar, M.A. "Radiopharmaceuticals for studying cardiac metabolism" Int. J. Rad. Appl. Instrum. B. (1990) 17(1): 103-28.					
	AH	Bianco, J.A. et al. "Effect of glucose and insulin infusion on the myocardial extraction of a radioiodinated methyl-substituted fatty acid" 1986, Eur. J. Nucl. Med. 12: 120-4.					
	AI	Brown, M. et al. "Delineation of myocardial oxygen utilization with carbon-11-labeled acetate" Circulation (1987) 76(3): 687-96.					
	AJ	Caldwell, J.H. et al. "Iodophenylpentadecanoic acid-myocardial blood flow relationship during maximal exercise with coronary occlusion." 1990. J. Nucl. Med. 31: 99-105.					
	AK	Chien, K.R. et al. "In vivo esterification of a synthetic 125-I labeled fatty acid into cardiac glycerolipids" 1983. Am. J. Physiol. 245: H693-697.					
	AL	DeGeeter, F. et al. "Relationship between blood flow and fatty acid metabolism in subacute myocardial infarction: a study by means of 99m-Tc-Setamibi and 123I-beta-methyl-iodo-phenyl pentadecanoic acid" Eur. J. Nucl. Med. (1994) 21(4): 283-91.					
	AM	DeGrado, T.R. et al. "Quantitative analysis of myocardial kinetics of 15-p-[iodine-125]iodophenylpentadecanoic acid" J. Nucl. Med. (1989) 30(7): 1211-8.					
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	AO	Demaison, L. et al. "Myocardial metabolism of radioiodinated methyl-branched fatty acids" J. Nucl. Med. (1988) 29(7): 1230-6.					
	AP	Dormehl, I.C. et al. "Planar myocardial imaging in the baboon model with iodine-123-15-(iodophenyl)pentadecanoic acid (IPPA) and iodine-123-15-(p-iodophenyl)-3-R,S-methylpentadecanoic acid (BMIPP) using time-activity curves for evaluation of metabolism" Nucl. Med. Biol. (1995) 22(7): 837-47.					
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	AS	Elmaleh, D.R. et al. "Myocardial imaging with 9-[Te-123m]telluraheptadecanoic acid" J. Nucl. Med. 22: 994-9.		
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	BI	Hashimoto, A. et al. "Prediction of left ventricular functional recovery in patients with acute myocardial infarction using single photon emission computed tomography with thallium-201 and iodine 123-beta-methyl-p-iodophenylpentadecanoic acid" ***article in Japanese*** J. Cardiol. (1995) 26(2): 59-68.		
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CM		Lin, Q. et al. "Effects of configuration on the myocardial uptake of radioiodinated 3(R)-BMIPP and 3(S)-BMIPP in rats" <i>J. Nucl. Med.</i> (1997) 38 (9): 1434-41		
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DX	Schelbert, H.R. et al. "Effects of substrate availability on myocardial C-11 palmitate kinetics by PET in normal subjects and patients with ventricular dysfunction". 1986 <i>Am. Heart J.</i> 111 :1055-1064.			
DY	Schlösser, M. et al. "Fluor-olefine durch Fluormethylenierung von Carbonylverbindungen" 1969. <i>Synthesis</i> 1 : 75-76.			
DZ	Schon, H.R. et al. "C-11 labeled palmitic acid for the noninvasive evaluation of regional myocardial fatty acid metabolism with positron computed tomography. II. Kinetics of C-11 palmitic acid in acutely ischemic myocardium". 1982. <i>Am. Heart J.</i> 103 :548-561.			
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EC	Shogase, T. et al. "A role of nuclear medicine in diagnosing cardiac disease—clinical use of 123I-BMIPP and 123I-MIBG" ***article in Japanese*** <i>Rinsho Byori</i> (2000) 48 (2): 113-20			
ED	Sloof, G.W. et al. "Evaluation of heart-to-organ ratios of 123I-BMIPP and the dimethyl-substituted 123I-DMIPP fatty acid analogue in humans" 1997. <i>Nucl. Med. Commun.</i> 18 (11): 1065-70.			
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	EI	Sorenson, J.A. et al. <i>Physics in nuclear medicine</i> , 2nd ed. Philadelphia: W.B. Saunders; 1987. Chapters 19-20, and 22.		
	EJ	Stork, G. et al. "Total Syntheses of (-)-Histrionicotoxin and (-)-Histrionicotoxin 235A" 1990. <i>J. Am. Chem. Soc.</i> 112: 5875-5876.		
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	ET	Visser, F.C. et al. "Metabolic fate of radioiodinated heptadecanoic acid in the normal canine heart" <i>Circulation</i> (1985) 72(3): 565-71		
	EU	Weiss, E.S. et al. "Quantification of infarction in cross sections of canine myocardium in vivo with positron emission transaxial tomography and ¹¹ C-palmitate". 1977. <i>Circulation</i> 55: 66-73.		
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	EX	Wieler, H. et al. "Standardized noninvasive assessment of myocardial free fatty acid kinetics by means of 15-(p-iodophenyl) pentadecanoic acid (123I-pPPA) scintigraphy: II. Clinical Results" <i>Nucl. Med. Commun.</i> (1992) 13(3): 168-85.		
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EXAMINER			DATE CONSIDERED	

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